PCT

REQUEST

For receiving Office use only
International Application No.
International Filing Date
Name of receiving Office and "PCT International Application"

international application be processed according to the Patent Cooperation Treaty.	Name of receiving Office and "PCT International Application"
	Applicant's or agent's file reference (if desired) (12 characters maximum) PCT2209DK006jp
Box No. I TITLE OF INVENTION Method for Switching between Asynchrono	ous and Synchronous HARQ Retransmission Mode
	s person is also inventor
Name and address: (Family name followed by given name; for a leaders smust include postal code and name of country. The country is state (that is, country) of residence if no State of	rary of the address indicated in this Tresidence is indicated below.)
MATSUSHITA ELECTRIC INDUSTRIA CO., LTD.	L Facsimile No.
1006, OAZA KADOMA, KADOMA-SHI OSAKA 571-8501 JAPAN	Teleprinter No.
	Applicant's registration No. with the Office
State (that is, country) of nationality: JP This access is an illustration.	State (that is, country) of residence: JP
This person is applicant for the purposes of:	signated States except in the United States the States indicated in the Supplemental Box
Box No. III FURTHER APPLICANT(S) AND/OR (F Name and address: (Family name followed by given name: for a let	TURTHER) INVENTOR(S)
The address must include postal code and name of country. The country Box is the applicant's State (that is, country) of residence if no State of re LÖHR, Joachim Soderstr. 90 64287 Darmstadt GERMANY	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office
State (that is, country) of nationality: DE	State (that is, country) of residence: DE
	gnated States except ited States of America only the States indicated in the Supplemental Box
Further applicants and/or (further) inventors are indica	
	IVE; OR ADDRESS FOR CORRESPONDENCE
The person identified below is hereby/has been appointed to of the applicant(s) before the competent International Author	nties as: representative
Name and address: (Family name followed by given name; for a lega The address must include postal code and name	al entity, full official designation. of country.) Telephone No. +49 89 212350
KUHL, Dietmar Grünecker, Kinkeldey, Stockmair & Schwa	Facsimile No. +49 89 220287
Maximilianstraße 58	Teleprinter No.
80538 München Germany	_
Germany	Agent's registration No. with the Office 72 EPO
Address for correspondence: Mark this check-box whe space above is used instead to indicate a special address	ere no agent or common representative is/has been appointed and the to which correspondence should be sent.

Sheet No. ...?...

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)					
If none of the following sub-boxes is used, this sheet should no					
Name and address: (Family name followed by given name; for a legal entit The address must include postal code and name of country. The country of th Box is the applicant's State (that is, country) of residence if no State of residence	ne address indicated in this				
SEIDEL, Eiko	applicant only				
Moosbergstr. 97 a-b	applicant and inventor				
64285 Darmstadt	inventor only (If this check-box				
GERMANY	is marked, do not fill in below.)				
	Applicant's registration No. with the Office				
State (that is, country) of nationality: DE	State (that is, country) of residence: DE				
This person is applicant for the purposes of: all designated the United States all designated the United States	States except the United States the States indicated in the Supplemental Box				
Name and address: (Family name followed by given name; for a legal entity The address must include postal code and name of county. The	, full official designation. This person is:				
The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence	address indicated in this				
PETROVIC, Dragan	applicant only				
Am Kaiserschlag 15	applicant and inventor				
64295 Darmstadt	inventor only (If this check-box is marked, do not fill in below.)				
GERMANY					
	Applicant's registration No. with the Office				
State (that is, country) of nationality:	State (that is, country) of residence: DE				
This person is applicant for the purposes of: all designated States all designated States	States except es of America of America only the States indicated in the Supplemental Box				
Name and address: (Family name followed by given name; for a legal entity, The address must include postal code and name of country. The country of the a Box is the applicant's State (that is, country) of residence if no State of residence is					
State (that is, country) of nationality:	State (that is, country) of residence:				
This person is applicant all designated all designated St.					
for the purposes of: all designated states all designated the United States	ates except the United States the States indicated in the Supplemental Box				
Name and address: (Family name followed by given name; for a legal entity, fu The address must include postal code and name of country. The country of the ad Box is the applicant's State (that is, country) of residence if no State of residence is i	ull official designation. This person is:				
State (that is, country) of nationality:	ate (that is, country) of residence:				
This person is applicant all designated all designated State the United States of	es except of America the United States the States indicated in the Supplemental Box				
Further applicants and/or (further) inventors are indicated on and	other continuation sheet.				

Sheet No. Box No. V **DESIGNATIONS** The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. DE Germany is not designated for any kind of national protection KR Republic of Korea is not designated for any kind of national protection RU Russian Federation is not designated for any kind of national protection (The check-boxes above may be used to exclude (irrevocably) the designations concerned in order to avoid the ceasing of the effect, under the national law, of an earlier national application from which priority is claimed. See the Notes to Box No. V as to the consequences of such national law provisions in these and certain other States.) Box No. VI PRIORITY CLAIM The priority of the following earlier application(s) is hereby claimed: Filing date Number Where earlier application is: of earlier application of earlier application national application: country or Member of WTO (day/month/year) regional application: * international application: regional Office item (1) 22.01.2004 receiving Office 04001396.3 EP item (2) item (3) Further priority claims are indicated in the Supplemental Box. The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified all items item (1) ____ item (2) item (3) other, see Supplemental Box * Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)): Box No. VII INTERNATIONAL SEARCHING AUTHORITY Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used): Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority): Date (day/month/year) Number Country (or regional Office) 30.07.2004 04001396.3 **EPO** Box No. VIII DECLARATIONS The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration): Number of declarations Box No. VIII (i) Declaration as to the identity of the inventor Box No. VIII (ii) Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Box No. VIII (iii) Declaration as to the applicant's entitlement, as at the international filing

date, to claim the priority of the earlier application

United States of America)

Declaration of inventorship (only for the purposes of the designation of the

Declaration as to non-prejudicial disclosures or exceptions to lack of novelty

Box No. VIII (iv)

Box No. VIII (v)

Sheet No. ...4

Box No. IX CHECK LIST; LA	ANGUAGE OF FIL	ING			
This international application conta (a) in paper form, the following not sheets: request (including declaration sheets): description (excluding sequence listing and/or tables related thereto): claims: abstract: drawings: Sub-total number of sheets: sequence listing:	A to the state of	international session with the account the management of the calcular original session orig	application is accompanied by the follopplicable check-boxes below and indicate the state of each item): ation sheet parate power of attorney meral power of attorney meral power of attorney; reference num explaining lack of signature cument(s) identified in Box No. VI as	e in of ite	
tables related thereto (for both, actual number of sheets if filed in paper form, whether or not also filed in computer readable form; see (c) below) Total number of sheets: (b) only in computer readable in (Section 801(a)(ii)) (i) sequence listing (ii) tables related thereto (c) also in computer readable in (Section 801(a)(ii)) (i) sequence listing (ii) sequence listing (ii) tables related thereto Type and number of carriers (dis CD-ROM, CD-R or other) on which contained the sequence listing: tables related thereto: (additional copies to be indicated a items 9(ii) and/or 10(ii), in right contained the	form (iii) skette, (iii) ch are (iiii)	sequence li (indicate ty copy sur Rule 13 (only wh addition purpose tables in cor (indicate ty) copy sur Section application purposes (only wh addition purposes together copies w	dications concerning deposited microor ological material sting in computer readable form pe and number of carriers) omitted for the purposes of international ter only (and not as part of the international cere check-box (b)(i) or (c)(i) is marked in al copies including, where applicable, the sof international search under Rule 13te with relevant statement as to the identity with the sequence listing mentioned in less in the international form related to sequence and number of carriers) omitted for the purposes of international 802(b-quater) only (and not as part of the only sere check-box (b)(ii) or (c)(ii) is marked in al copies including, where applicable, the of international search under Section 8 with relevant statement as to the identity ith the tables mentioned in left column by):	search under conal application): left column) he copy for the er y of the copy or ft column e listing search under e international left column) e copy for the 02(b-quater) y of the copy or	
Figure of the drawings which should accompany the abstract: Box No. X SIGNATURE OF AP Next to each signature, indicate the name of the	14 internati	ge of filing o onal applicati T OR COM	f the on: ENGLISH AON REPRESENTATIVE on the person signs (if such capacity is not obvious)		$\frac{1}{1}$
Munich, 10.01.2005 Date of actual receipt of the purpor	For re	ceiving Offic	Dietmar Kuhl	s from reading the request)	<u> </u>
international application: 3. Corrected date of actual receipt due timely received papers or drawings the purported international applications.	to later but			Drawings: received:	
Date of timely receipt of the require corrections under PCT Article 11(2)	ed):			not received:	
International Searching Authority (if two or more are competent):	SA/	6.	Transmittal of search copy delayed until search fee is paid		
	For Intern	ational Burca	u use only		,
Date of receipt of the record copy by the International Bureau:					ı
- DOTTO CHALLER					

PCT

REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

PCT/EP	receivi 2095	_		•	
International Application	n No.				
International Filing Dat	§)		10	JAN 2005	
EUROPE				FICE	

PCT INTERNATIONAL APPLICATION
Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference

	(if desired) (12 charac	ters maximum) PCT2209DK006jpe
Box No. I TITLE OF INVENTION Method for Switching between Asynchronous an		
Box No. II APPLICANT This person	is also inventor	
Name and address: (Family name followed by given name; for a legal entit The address must include postal code and name of country. The country of th Box is the applicant's State (that is, country) of residence if no State of residence		Telephone No.
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.		Facsimile No.
1006, OAZA KADOMA, KADOMA-SHI OSAKA 571-8501 JAPAN	Teleprinter No.	
		Applicant's registration No. with the Office
State (that is, country) of nationality: JP	State (that is, country) JP	of residence:
for the purposes of: States the United Sta	ites of America	the United States the States indicated in the Supplemental Box
Box No. III FURTHER APPLICANT(S) AND/OR (FURTH		
Name and address: (Family name followed by given name; for a legal entity. The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence LÖHR, Joachim Soderstr. 90 64287 Darmstadt GERMANY	s adduaga indiantad in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office
State (that is, country) of nationality: DE	State (that is, country) DE	of residence:
This person is applicant for the purposes of: all designated the United States		he United States only the States indicated in the Supplemental Box
Further applicants and/or (further) inventors are indicated on	a continuation sheet.	
Box No. IV AGENT OR COMMON REPRESENTATIVE;		CORRESPONDENCE
The person identified below is hereby/has been appointed to act on of the applicant(s) before the competent International Authorities as	s:	gent common representative
Name and address: (Family name followed by given name; for a legal entity, The address must include postal code and name of court	full official designation. ntry.)	Telephone No. +49 89 212350
KUHL, Dietmar		Facsimile No.
Grünecker, Kinkeldey, Stockmair & Schwanhä	usser	+49 89 220287
Maximilianstraße 58 80538 München]	Teleprinter No.
Germany	<u> </u>	
·	i	Agent's registration No. with the Office 72 EPO
Address for correspondence: Mark this check-box where no space above is used instead to indicate a special address to wh	agent or common represion correspondence she	esentative is/has been appointed and the ould be sent.

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) If none of the following sub-boxes is used, this sheet should not be included in the request.					
Name and address: (Family name followed by given name; for a legal enti The address must include postal code and name of country. The country of the	ty, full official designation. This person is:				
Box is the applicant's State (that is, country) of residence if no State of residence	applicant only				
SEIDEL, Eiko Moosbergstr. 97 a-b	applicant and inventor				
64285 Darmstadt GERMANY	inventor only (If this check-box is marked, do not fill in below.)				
	Applicant's registration No. with the Office				
State (that is, country) of nationality: DE	State (that is, country) of residence: DE				
	States except the United States of America of America only the States indicated in the Supplemental Box				
Name and address: (Family name followed by given name; for a legal entity. The address must include postal code and name of country. The country of the	address indicated in this				
But is the applicant 's State (that is, country) of residence if no State of residence	e is indicated below.) applicant only				
PETROVIC, Dragan Am Kaiserschlag 15	applicant and inventor				
64295 Darmstadt	inventor only (If this check-box is marked, do not fill in below.)				
GERMANY	Applicant's registration No. with the Office				
State (that is, country) of nationality:	State (that is, country) of residence: DE				
This person is applicant all designated for the purposes of: all designated the United States all designated the United States	States except the United States the States indicated in the Supplemental Box				
Name and address: (Family name followed by given name; for a legal entity The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence	address indicated in this				
State (that is, country) of nationality:	State (that is, country) of residence:				
This person is applicant all designated for the purposes of:	States except the United States the States indicated in the Supplemental Box				
Name and address: (Family name followed by given name; for a legal entity, The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence is	address indicated in this I Paroni.				
State (that is, country) of nationality:					
the second of materiality.	State (that is, country) of residence:				
This person is applicant all designated all designated States the United States					
Further applicants and/or (further) inventors are indicated on a	another continuation sheet.				

Sheet	No				3	
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Box No. V DESIGNAT	ΓIONS					
The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.						
However,	•					
DE Germany is not d	esignated for any kind of nati	onal protection				
KR Republic of Kore	a is not designated for any ki	nd of national protection				
RU Russian Federation	on is not designated for any k	ind of national protection				
ine national law, of an earlie) be used to exclude (irrevocab er national application from w s in these and certain other St	hich priority is claimed. S	rned in order to avoid the See the Notes to Box No. V	ceasing of the effect, under as to the consequences of		
Box No. VI PRIORITY	CLAIM					
The priority of the following	g earlier application(s) is hereb	y claimed:				
Filing date	Number	V	Where earlier application	is:		
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office		
item (1) 22.01.2004	04001396.3		EP			
item (2)						
item (3)						
Further priority claims	are indicated in the Supplemen	ntal Box.				
The receiving Office is reque the earlier application was fil above as:	sted to prepare and transmit to led with the Office which for th	the International Bureau are purposes of this internat	a certified copy of the ear ional application is the re	lier application(s) (only if ceiving Office) identified		
all items ite	em (1) item (2)	item (3)	other, see	e Supplemental Box		
* Where the earlier application Industrial Property or one Mo	on is an ARIPO application, in ember of the World Trade Org	dicate at least one country ganization for which that e				
Box No. VII INTERNAT	IONAL SEARCHING AUT	HORITY				
miernational search, inalcate	rching Authority (ISA) (if two- the Authority chosen; the two-	letter code may be used):	carching Authorities are c	ompetent to carry out the		
Request to use results of ear International Searching Author	rlier search; reference to the	at search <i>(if an earlier sea</i>	rch has been carried out	by or requested from the		
	rity):	(5		sy or requestions are		
Date (day/month/year) M. S.2004	<i>prity):</i> Numbe 040013!	er Count	ry (or regional Office) EPO	ey or requestion, om the		
	Numbe 040013	er Count	ry (or regional Office)	ey or requestions are		
M. 8.2004	Numbe 0400139 TONS are contained in Boxes Nos. V	County 96.3 E	ry (or regional Office) EPO	Number of declarations		
M. S.2004 Box No. VIII DECLARAT The following declarations a	Numbe 0400139 TONS are contained in Boxes Nos. V	PIII (i) to (v) (mark the appear of each type of declarate	ry (or regional Office) EPO	Number of		
M. S.2004 Box No. VIII DECLARAT The following declarations a check-boxes below and indicate	Number 0400139 TIONS Tre contained in Boxes Nos. Vote in the right column the number 1	County 96.3 TIII (i) to (v) (mark the appear of each type of declarate of the inventor unt's entitlement, as at the	ry (or regional Office) EPO plicable ion):	Number of		
M. S.2004 Box No. VIII DECLARAT The following declarations a check-boxes below and indicate Box No. VIII (i)	Number 0400139 TIONS TIONS THE contained in Boxes Nos. We to in the right column the number 1000 Declaration as to the identity Declaration as to the application as to the application as to the policies.	TIII (i) to (v) (mark the appear of each type of declarate of the inventor ant's entitlement, as at the anter a patent ant's entitlement, as at the ant's entitlement, as at the	ry (or regional Office) EPO clicable tion):	Number of		
Box No. VIII DECLARAT The following declarations a check-boxes below and indicate Box No. VIII (i) Box No. VIII (ii)	Number 0400139 CIONS THE contained in Boxes Nos. Vale in the right column the number of the identity of the properties of the application as to the application as the application	FILI (i) to (v) (mark the apport of each type of declarate of the inventor ant's entitlement, as at the need a patent ant's entitlement, as at the fithe earlier application	ry (or regional Office) EPO clicable cion): cinternational filing	Number of		

Sheet	Nο		4	
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Box No. IX CHECK LIST; LANGUAGE	OF FILING			
This international application contains: (a) in paper form, the following number of sheets: This international application is accompanied by the following item(s) (mark the applicable check-baxes below and indicate in right column the number of each item):				
request (including	1. fee calculation sheet	: 1		
declaration sheets) : 4	2. original separate power of attorney	:		
description (excluding sequence listing and/or	3. original general power of attorney	:		
tables related thereto) : 27	4. copy of general power of attorney; reference number,			
claims : 7	if any: 5. statement explaining lack of signature	:		
abstract : 1 drawings : 13	6. priority document(s) identified in Box No. VI as	•		
	item(s):	:		
Sub-total number of sheets: 52 sequence listing:	7. translation of international application into			
tables related thereto :	(language):	:		
(for both, actual number of	or other biological material	:		
sheets if filed in paper form, whether or not also filed in computer readable form;	9. sequence listing in computer readable form (indicate type and number of carriers)			
see (c) below)	(i) copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application			
Total number of sheets : 52 (b) only in computer readable form	(ii) (only where check-box (b)(i) or (c)(i) is marked in left column) additional copies including, where applicable, the copy for the):		
(Section 801(a)(i)) (i) sequence listing	purposes of international search under Rule 13ter (iii) together with relevant statement as to the identity of the copy of	: r		
(ii) ☐ tables related thereto (c) ☐ also in computer readable form	10. tables in computer readable form related to sequence listing	:		
(Section 80 I(a)(ii))	(indicate type and number of carriers)			
(i) ☐ sequence listing (ii) ☐ tables related thereto	(i) copy submitted for the purposes of international search under Section 802(b-quater) only (and not as part of the international application)			
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are	(ii) (only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies including where applicable the copy for the			
purposes of international search under Section 802(b-quater)				
tables related thereto:	(iii) together with relevant statement as to the identity of the copy of copies with the tables mentioned in left column	:		
(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)	11. other (specify):	:		
Figure of the drawings which should accompany the abstract: 14	Language of filing of the international application: ENGLISH			
Box No. X SIGNATURE OF APPLICAN Next to each signature, indicate the name of the person sig	Γ, AGENT OR COMMON REPRESENTATIVE ning and the capacity in which the person signs (if such capacity is not obvious from reading the	ne request).		
Munich, 10.01.2005	Dietmar Kuhl			
	For receiving Office use only			
Date of actual receipt of the purported international application:	(1 0. 01. 05) 1 0 JAN 2005 2. Drawin	· 1		
 Corrected date of actual receipt due to later b timely received papers or drawings completing the purported international application: 	ut	vea.		
4. Date of timely receipt of the required corrections under PCT Article 11(2):	not re	ceived:		
5. International Searching Authority (if two or more are competent): ISA /	6. Transmittal of search copy delayed until search fee is paid			
	For International Bureau use only			
Date of receipt of the record copy by the International Bureau:				